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* * * * * Welcome to STN International * * * * *

NEWS	1	Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	"Ask CAS" for self-help around the clock
NEWS	3	May 12 EXTEND option available in structure searching
NEWS	4	May 12 Polymer links for the POLYLINK command completed in REGISTRY
NEWS	5	May 27 New UPM (Update Code Maximum) field for more efficient patent SDIs in CAplus
NEWS	6	May 27 CAplus super roles and document types searchable in REGISTRY
NEWS	7	Jun 28 Additional enzyme-catalyzed reactions added to CASREACT
NEWS	8	Jun 28 ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG, and WATER from CSA now available on STN(R)
NEWS	9	Jul 12 BEILSTEIN enhanced with new display and select options, resulting in a closer connection to BABS
NEWS	10	Jul 30 BEILSTEIN on STN workshop to be held August 24 in conjunction with the 228th ACS National Meeting
NEWS	11	AUG 02 IFIPAT/IFIUDB/IFICDB reloaded with new search and display fields
NEWS	12	AUG 02 CAplus and CA patent records enhanced with European and Japan Patent Office Classifications
NEWS	13	AUG 02 STN User Update to be held August 22 in conjunction with the 228th ACS National Meeting
NEWS	14	AUG 02 The Analysis Edition of STN Express with Discover! (Version 7.01 for Windows) now available
NEWS	15	AUG 04 Pricing for the Save Answers for SciFinder Wizard within STN Express with Discover! will change September 1, 2004
NEWS	16	AUG 27 BIOCOMMERCE: Changes and enhancements to content coverage
NEWS	17	AUG 27 BIOTECHABS/BIOTECHDS: Two new display fields added for legal status data from INPADOC
NEWS EXPRESS		JULY 30 CURRENT WINDOWS VERSION IS V7.01, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
NEWS HOURS		STN Operating Hours Plus Help Desk Availability
NEWS INTER		General Internet Information
NEWS LOGIN		Welcome Banner and News Items
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 17:42:32 ON 28 AUG 2004

=> file caplus
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 17:42:49 ON 28 AUG 2004
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FILE COVERS 1907 - 28 Aug 2004 VOL 141 ISS 10
FILE LAST UPDATED: 27 Aug 2004 (20040827/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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81054 US
2901051 USES
2976110 US
(US OR USES)
0 6248794
30592 PN
1720 PNS
32211 PN
(PN OR PNS)
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(US(W) 6248794 (W) PN)

=> s us 6248794/pn
L2 1 US 6248794/PN
(US6248794/PN)

=> d l2 ibib ab

L2 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2001:115248 CAPLUS
DOCUMENT NUMBER: 134:165467
TITLE: Integrated process for converting hydrocarbon gas to liquids
INVENTOR(S): Gieskes, Thomas
PATENT ASSIGNEE(S): Atlantic Richfield Company, USA
SOURCE: PCT Int. Appl., 38 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2001010979      A1      20010215      WO 2000-US21352      20000804
W:  AE, AU, ID, TT
RW:  AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
    PT, SE
US 6248794          B1      20010619      US 1999-369045      19990805 <--
EP 1204717          A1      20020515      EP 2000-955374      20000804
R:   AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
    IE, SI, LT, LV, FI, RO, MK, CY, AL
AU 774815           B2      20040708      AU 2000-67589       20000804
EG 22777            A       20030831      EG 2000-1013        20000805
PRIORITY APPLN. INFO.:      US 1999-369045      A 19990805
                                WO 2000-US21352      W 20000804

```

AB In a first embodiment, a Fischer-Tropsch (FT) process is integrated with a cryogenic liquefied natural gas (LNG) process wherein tail gas from (FT) reaction is used to drive a refrigeration compressor in the (LNG) process. The process may be further integrated with a fertilizer production process comprising an ammonia synthesis process and a urea synthesis process. To produce ammonia, hydrogen separated from synthesis gas produced in a primary and/or secondary reformer in the (FT) process is combined with nitrogen produced in the (LNG) process. Nitrogen may also be supplied to the ammonia synthesis process from an optional air separation process, which also provides oxygen enrichment to the thermal reformer in the (FT) process. The produce urea, the ammonia is subsequently reacted with carbon dioxide removed during processing of the gas prior to its liquefaction. In an alternative embodiment, an (FT) process is integrated with a methanol synthesis process wherein tail gas from the (FT) reaction is used to fuel burners in a secondary thermal reformer.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> SET NOTICE DISPLAY 1

NOTICE SET TO 1 U.S. DOLLAR FOR DISPLAY COMMAND
SET COMMAND COMPLETED

=> index IFICLS,PATOSEP,PATDPA,INPADOC

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	13.35	13.56
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.70	-0.70

INDEX 'IFICLS, PATOSEP, PATDPA, INPADOC' ENTERED AT 17:47:47 ON 28 AUG 2004

4 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> S WO 2000-US21352/PN,APPS

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2  FILE PATDPA
3  FILE INPADOC

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2 FILES HAVE ONE OR MORE ANSWERS, 4 FILES SEARCHED IN STNINDEX

L3 QUE WO 2000-US21352/PN,APPS

=> FILE HITS

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CA SUBSCRIBER PRICE	ENTRY	SESSION
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FILE 'PATDPA' ENTERED AT 17:47:50 ON 28 AUG 2004
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=> S L3

L4 5 L3

=> D IBIB LS 1-

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 THE ESTIMATED COST FOR THIS REQUEST IS 4.36 U.S. DOLLARS
 DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:y

L4 ANSWER 1 OF 5 INPADOC COPYRIGHT 2004 EPO on STN

LEVEL 1

ACCESSION NUMBER: 174821043 INPADOC EW 200220 ED 20020521
 UW 200237 UP 20020916

TITLE: INTEGRATED PROCESS FOR CONVERTING HYDROCARBON GAS TO
 LIQUIDS.

INVENTOR(S):

ORIGINAL: GIESKES, THOMAS
 STANDARDIZED: GIESKES THOMAS
 LOCATION: US

PATENT ASSIGNEE(S):

ORIGINAL: ATLANTIC RICHFIELD COMPANY
 STANDARDIZED: ATLANTIC RICHFIELD CO
 LOCATION: US

TITLE LANGUAGE: English; French; German

LANGUAGE: English

DOCUMENT TYPE: Patent

PATENT INFO. TYPE: EPA1 PUBL. OF APPLICATION WITH SEARCH REPORT

PATENT INFORMATION:

NUMBER	KIND	DATE
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EP 1204717	A1	20020515
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DESIGNATED STATES: R: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL
 PT SE

APPLICATION INFO.: EP 2000-955374 A 20000804

PRIORITY APPLN. INFO.: WO 2000-US21352 W 20000804 (EDPR
 20010702)

US 1999-369045	A	19990805	(EDPR 20010306)
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LEGAL STATUS

AN 174821043 INPADOC

20020515 EPAK + DESIGNATED CONTRACTING STATES:

EP A1

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

20020515 EPAX + EXTENSION OF THE EUROPEAN PATENT TO

AL;LT;LV;MK;RO;SI

20020515 EP17P + REQUEST FOR EXAMINATION FILED

20020206

20020911 EPRIN1 INVENTOR (CORRECTION)
GIESKES, THOMAS
20040714 EP17Q + FIRST EXAMINATION REPORT
20040602
.....20040715

L4 ANSWER 2 OF 5 INPADOC COPYRIGHT 2004 EPO on STN

LEVEL 2

ACCESSION NUMBER: 151859697 INPADOC EW 200434 ED 20040819
UW 200434 UP 20040819
TITLE: Integrated process for converting hydrocarbon gas to
liquids.
INVENTOR(S):
ORIGINAL: THOMAS GIESKES
STANDARDIZED: GIESKES THOMAS
PATENT ASSIGNEE(S):
ORIGINAL: ATLANTIC RICHFIELD COMPANY
STANDARDIZED: ATLANTIC RICHFIELD CO
TITLE LANGUAGE: English
DOCUMENT TYPE: Patent
PATENT INFO. TYPE: AUB2 PATENT (APP. ADVERTISED ACCEPTED)
PATENT INFORMATION:

	NUMBER	KIND	DATE
	AU 774815	B2	20040708
APPLICATION INFO.:	AU 2000-67589	A	20000804
PRIORITY APPLN. INFO.:	US 1999-369045	A	19990805 (EDPR 20010306)
	WO 2000-US21352	W	20000804 (EDPR 20010702)

L4 ANSWER 3 OF 5 INPADOC COPYRIGHT 2004 EPO on STN

LEVEL 3

ACCESSION NUMBER: 145662567 INPADOC EW 200211 ED 20020319
UW 200416 UP 20040415
TITLE: INTEGRATED PROCESS FOR CONVERTING HYDROCARBON GAS TO
LIQUIDS.
PROCESSUS INTEGRE PERMETTANT DE CONVERTIR UN GAZ HYDROCARBONE EN
LIQUIDES.
INVENTOR(S):
ORIGINAL: GIESKES, THOMAS
STANDARDIZED: GIESKES THOMAS
PATENT ASSIGNEE(S):
ORIGINAL: ATLANTIC RICHFIELD COMPANY
STANDARDIZED: ATLANTIC RICHFIELD CO
LOCATION: US
TITLE LANGUAGE: English; French
LANGUAGE: English
DOCUMENT TYPE: Patent
PATENT INFO. TYPE: WOC2 COMPLETE CORRECTED DOCUMENT
PATENT INFORMATION:

	NUMBER	KIND	DATE
	WO 2001010979	C2	20020228
DESIGNATED STATES:	RW: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE W: AE AU ID TT		
APPLICATION INFO.:	WO 2000-US21352	A	20000804
PRIORITY APPLN. INFO.:	US 1999-369045	A	19990805 (EDPR 20010306)

LEGAL STATUS

AN 145662567 INPADOC
20010215 WOAK + DESIGNATED STATES

	WO	A1
	AE AU ID TT	
20010215 WOAL	+ DESIGNATED COUNTRIES FOR REGIONAL PATENTS	
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	AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE	
20010411 WO121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS	
	DESIGNATED IN THIS APPLICATION	
20010503 WODFPE	REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO	
	EXPIRATION OF 19TH MONTH FROM PRIORITY DATE	
20020207 WOAK	+ DESIGNATED STATES	
	WO	B1
	AE AU ID TT	
20020207 WOAL	+ DESIGNATED COUNTRIES FOR REGIONAL PATENTS	
	WO	B1
	AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE	
20020207 WOB	+ LATER PUBLICATION OF AMENDED CLAIMS	
20020228 WOAK	+ DESIGNATED STATES	
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	AE AU ID TT	
20020228 WOAL	+ DESIGNATED COUNTRIES FOR REGIONAL PATENTS	
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	PAGES 1/7-7/7, DRAWINGS, REPLACED BY NEW PAGES 1/7-7/7; DUE	
	TO LATE TRANSMITTAL BY THE RECEIVING OFFICE	

L4	ANSWER 4 OF 5 PATDPA COPYRIGHT 2004 DPMA/FIZ KA on STN		
AN	Datenbankschlüssel Datum und Woche des Ersteingangs in PATDPA		
	EP1204717	PATDPA	ED 20020516 EW 200220
SN	(21) Aktenzeichen	Datum, Woche des Eingangs der letzten Hauptpubl.	
	EP00955374.4	DED	20020516 DEW 200220
UPS	Datum der letzten Fortschreibung		
	20040715	weitere UP-Felder: HELP UPD	
PSR	Uebereinstimmende Folgepublikationen in DE, EP, und WO		
	WO2001010979		
TI	(54) Bezeichnung der Erfindung/Titel (aktueller und vorheriger)		
	(A1) INTEGRIERTES VERFAHREN ZUR UMWANDLUNG VON KOHLENWASSERSTOFFGASEN ZU		
	FLUESSIGKEITEN		
IN	(72) Erfinder (aktuelle Angaben und vorherige)		
INC	GIESKES, Thomas (*US Fullerton, CA 92833)		
PA	(71,73) Anmelder / Inhaber (aktuelle Angaben und vorherige)		
PAC	ATLANTIC RICHFIELD COMPANY (*US Chicago, Illinois 60601)		
PAN	Anmelder-Nummer von aktuellem(n) Anmelder(n)/Inhaber(n)		
	12190381 US		
PAT	Anmelderstatus von aktuellem(n) Anmelder(n)/Inhaber(n)		
	(CORP) Juristische Person		
AG	(74) Anmelder-Vertreter		
	derzeit kein Vertreter bestellt		
SO	Quellenangabe		
	EP-Patentblatt - 20020515		
DT	Dokumenttyp		
	Patent		
LA	(26) Sprache der Publikation		
	Englisch		
PIT	(12) Schriftart		
	EP A1 EP-Publ. der EP-Patentanm. mit Recherchenbericht		
PITX	(12) Schriftart Detailliert		
	EP A1 EP-Publ. der EP-Patentanm. mit Recherchenbericht		
PI	(10) Publ.-Information (Publ.-Daten der letzten Hauptanmeldung)		
	EP 1204717	A1 20020515 AOR	(87) 1.Publ./ EP-Schrift
	EP 1204717	A1 20020515 AOR	(87) 1.Publ./ EP-Schrift
DS	(81,84) National und regional bestimmte / benannte Staaten		
	R: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE		
AI	(20) Anmeldeinformation		

EP 2000-955374 A 20000804 ADR (86) EP-Anm. mit DE-Ben.
 PRAI (30) Prioritaetsinformation
 US 1999-369045 A 19990805 CP (32) Unionsprioritaet
 FI (20,35,40,86,87) Familieninformation
 FIA EP 2000-955374 AW 20000804 ADR (86) EP1204717
 WO 2000-US21352 A 20000804 ADW (86) WO2001010979
 FIP WO 2001010979 A1 20010215 AOW LXX (87) WO-Publik. mit DE-Best.:
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 EP 1204717 A1 20020515 AOR LEN (87) EP-Publik. mit DE-Ben.:
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 LT LV MK RO SI
 NTE 19990805: FPRD (32) Erstes Prioritaetsdatum
 20000804: ADR (86) Anmeldetag d. EP-Anm. m. DE-Benennung
 20010215: AOW (87) WO-Publ. der PCT-Anmeldung
 20020206: EXR Eingangstag des Pruefungsantrages im EPA
 20020515: AOR (87) EP-Publ. der EP-Anmeldung mit DE-Benennung
 L4 ANSWER 5 OF 5 PATDPA COPYRIGHT 2004 DPMA/FIZ KA on STN
 AN Datenbankschluessel Datum und Woche des Ersteingangs in PATDPA
 WO2001010979 PATDPA ED 20010222 EW 200108
 SN (21) Aktenzeichen Datum, Woche des Eingangs der letzten Hauptpubl.
 US0021352 DED 20010222 DEW 200108
 UPS Datum der letzten Fortschreibung
 20040715 weitere UP-Felder: HELP UPD
 PSR Uebereinstimmende Folgepublikationen in DE, EP, und WO
 EP1204717
 TI (54) Bezeichnung der Erfindung/Titel (aktueller und vorheriger)
 (A1) INTEGRIERTES VERFAHREN ZUR UMWANDLUNG VON KOHLENWASSERSTOFFGASEN ZU
 FLUESSIGKEITEN
 (A1) INTEGRATED PROCESS FOR CONVERTING HYDROCARBON GAS TO LIQUIDS
 IN (72) Erfinder (aktuelle Angaben und vorherige)
 INC GIESKES, Thomas (*US CA 90635-7824)
 PA (71,73) Anmelder / Inhaber (aktuelle Angaben und vorherige)
 PAC ATLANTIC RICHFIELD COMPANY (*US IL 60601)
 SO Quellenangabe
 PCT-Gazette - 20020228
 PCT-Gazette - 20020207
 EP-Patentblatt - 20010411
 PCT-Gazette - 20010215
 DT Dokumenttyp
 Patent
 LA (26) Sprache der Publikation
 Englisch
 PIT (12) Schriftart
 WO AW WO-Publikation der PCT-Anmeldung
 PITX (12) Schriftart Detailliert
 WO AW WO-Publikation der PCT-Anmeldung
 PI (10) Publ.-Information (Publ.-Daten der letzten Hauptanmeldung)
 WO 2001010979 A1 20010215 AOW (87) 1.Publ./ WO-Schrift
 DS (81,84) National und regional bestimmte / benannte Staaten
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 RW: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
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 PRAI (30) Prioritaetsinformation
 US 1999-369045 A 19990805 CP (32) Unionsprioritaet
 FI (20,35,40,86,87) Familieninformation
 FIA EP 2000-955374 AW 20000804 ADR (86) EP1204717
 WO 2000-US21352 A 20000804 ADW (86) WO2001010979
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EP 1204717 A1 20020515 AOR LEN (87) EP-Publik. mit DE-Ben. :
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LT LV MK RO SI

NTE 19990805: FPRD (32) Erstes Prioritaetsdatum
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20000804: ADW (86) Anmeldetag d. PCT-Anm. mit DE-Bestimmung
20010130: NCLM (15) Tag der Abaenderung der Ansprueche
20010215: AOW (87) WO-Publ. der PCT-Anmeldung
20020207: AOW9 (48) Neudruck d. Patentanm. o. Recherchebericht
20020207: W1R1 (15) Spaet. Aufn. von geaenderten Anspruechen(R1)
20020228: AOW9 (48) Neudruck d. Patentanm. o. Recherchebericht
20020228: W4R6 (15) Korrigierte Version(R6)

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SET COMMAND COMPLETED

=> SET NOTICE DISPLAY 1

NOTICE SET TO 1 U.S. DOLLAR FOR DISPLAY COMMAND
SET COMMAND COMPLETED

=> SET DETAIL OFF

SET COMMAND COMPLETED

=> index HCAPLUS, WPINDEX, INPADOC

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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.70

INDEX 'HCAPLUS, WPINDEX, INPADOC' ENTERED AT 17:48:39 ON 28 AUG 2004

3 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> S WO2001010979/PN,APPS

1 FILE HCAPLUS
1 FILE WPINDEX
1 FILE INPADOC

3 FILES HAVE ONE OR MORE ANSWERS, 3 FILES SEARCHED IN STNINDEX

L5 QUE WO2001010979/PN,APPS

=> D RANK

F1 1 HCAPLUS
F2 1 WPINDEX
F3 1 INPADOC

=> FILE F1

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FULL ESTIMATED COST	ENTRY	SESSION
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FILE COVERS 1907 - 28 Aug 2004 VOL 141 ISS 10
 FILE LAST UPDATED: 27 Aug 2004 (20040827/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> FSE L5

SEA L5

1 WO2001010979/PN
 (WO2001010979/PN)
 0 WO2001010979/AP
 0 WO2001010979/PRN
 0 WO2001010979/APPS
 (WO2001010979/AP, PRN)

L6 1 WO2001010979/PN,APPS

FSE

*** ITERATION 1 ***

SET SMARTSELECT ON
 SET COMMAND COMPLETED

SET HIGHLIGHTING OFF
 SET COMMAND COMPLETED

SEL L6 1- PN,APPS
 L7 SEL L6 1- PN APPS : 10 TERMS

SEA L7

L8 1 L7

DEL L8- Y

FSORT L6

L8 1 FSO L6

0 Multi-record Families
 1 Individual Record Answer 1

0 Non-patent Records

SET SMARTSELECT OFF
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SET HIGHLIGHTING DEF
SET COMMAND COMPLETED

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1 Patent Family record(s) were found in HCAPLUS
How many do you want to display (0-1)?

=> SET NOTICE LOGIN DISPLAY

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SET COMMAND COMPLETED

=> SET NOTICE DISPLAY 1

NOTICE SET TO 1 U.S. DOLLAR FOR DISPLAY COMMAND
SET COMMAND COMPLETED

=> set auhelp off; set smart off; set msteps off; set expand cont; set audit off;
del sel y

SET COMMAND COMPLETED

SET COMMAND COMPLETED

SET COMMAND COMPLETED

SET COMMAND COMPLETED

SET COMMAND COMPLETED

=> FILE CAPLUS,WPINDEX

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FILE COVERS 1907 - 28 Aug 2004 VOL 141 ISS 10
FILE LAST UPDATED: 27 Aug 2004 (20040827/ED)

This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> S WO2001010979/PN,APPS

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      1 WO2001010979/PN
        (WO2001010979/PN)
      0 WO2001010979/AP
      0 WO2001010979/PRN
      0 WO2001010979/APPS
        (WO2001010979/AP, PRN)
L9      1 WO2001010979/PN,APPS
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=> FILE INPADOC

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	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-0.70

FILE 'INPADOC' ENTERED AT 17:49:20 ON 28 AUG 2004
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                        19 AUG 2004      <20040819/UPLS>
MOST RECENT INPADOC WEEK:      200434      <200434/EW>
FILE COVERS 1968 TO DATE.
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ENTER HELP UPS <<<

>>> STATISTIC FOR UPDATES OF PUBLICATION/PATENT KIND CODES

A. SORTED BY COUNTRY:

<http://www.stn-international.de/stndatabases/details/inpadoc/fkd1>

B. SORTED BY DATE:

<http://www.stn-international.de/stndatabases/details/inpadoc/fkd2>

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>>> FOR CHANGES IN INPADOC ---> SEE HELP CHANGE
(LAST UPDATED JUL 13 2004)>>>

INFORMATION FROM THE PRODUCER (EPO):

THERE WILL BE A DELAY FOR UPDATE WEEK 2004/35

=> TRA L9 PN

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L10      TRANSFER L9 1- PN :      5 TERMS
L11      5 L10
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=> S L11 AND US/PC

3950567 US/PC
L12 1 L11 AND US/PC

=> SEL PN

E1 THROUGH E1 ASSIGNED

=> S L11 AND ZA/PC

195120 ZA/PC
L13 0 L11 AND ZA/PC

=> SEL PN

L13 HAS NO ANSWERS

=> S L11 AND EP/PC AND EN/LA

1449398 EP/PC
2319244 EN/LA
L14 1 L11 AND EP/PC AND EN/LA

=> SEL PN

E2 THROUGH E2 ASSIGNED

=> S L11 AND WO/PC AND EN/LA

895730 WO/PC
2319244 EN/LA
L15 1 L11 AND WO/PC AND EN/LA

=> SEL PN

E3 THROUGH E3 ASSIGNED

=> S L11 AND CA/PC AND EN/LA

873010 CA/PC
2319244 EN/LA
L16 0 L11 AND CA/PC AND EN/LA

=> SEL PN

L16 HAS NO ANSWERS

=> D SELECT

E1	1	US6248794/PN
E2	1	EP1204717/PN
E3	3	WO2001010979/PN

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Do you want to retrieve bibliographic & abstract data for these patent numbers from the CAPLUS and WPINDEX files (Y/N)?

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=> WO2001010979 /pn
WO2001010979 IS NOT A RECOGNIZED COMMAND

=> s WO2001010979 /pn
L17 1 WO2001010979 /PN
(WO2001010979/PN)

=> d l17 ibib ab

L17 ANSWER 1 OF 1 INPADOC COPYRIGHT 2004 EPO on STN

LEVEL 3

ACCESSION NUMBER: 145662567 INPADOC EW 200211 ED 20020319
UW 200416 UP 20040415

TITLE: INTEGRATED PROCESS FOR CONVERTING HYDROCARBON GAS TO
LIQUIDS.
PROCESSUS INTEGRE PERMETTANT DE CONVERTIR UN GAZ HYDROCARBONE EN
LIQUIDES.

INVENTOR(S):

ORIGINAL: GIESKES, THOMAS
STANDARDIZED: GIESKES THOMAS

PATENT ASSIGNEE(S):

ORIGINAL: ATLANTIC RICHFIELD COMPANY
STANDARDIZED: ATLANTIC RICHFIELD CO
LOCATION: US

TITLE LANGUAGE: English; French

LANGUAGE: English

DOCUMENT TYPE: Patent

PATENT INFO. TYPE: WOC2 COMPLETE CORRECTED DOCUMENT

PATENT INFORMATION:

NUMBER	KIND	DATE
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WO 2001010979	C2	20020228
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DESIGNATED STATES: RW: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT
SE

W: AE AU ID TT

APPLICATION INFO.: WO 2000-US21352 A 20000804

PRIORITY APPLN. INFO.: US 1999-369045 A 19990805 (EDPR 20010306)

AB Integrated process for converting light hydrocarbon gas to heavier hydrocarbon liquids. In a first embodiment, a Fisher-Tropsch (FT) process is integrated with a cryogenic liquefied natural gas (LNG) process wherein tail gas from (FT) reaction is used to drive a refrigeration compressor in the (LNG) process. The process may be further integrated with a fertilizer production process comprising an ammonia synthesis process and a urea synthesis process. To produce ammonia, hydrogen separated from synthesis gas produced in a primary and/or secondary reformer in the (FT) process is combined with nitrogen produced in the (LNG) process. Nitrogen may also be supplied to the ammonia synthesis process from an optional air separation process, which also provides oxygen enrichment to the thermal reformer in the (FT) process. The produce urea, the ammonia is subsequently reacted with carbon dioxide removed during processing of the gas prior to its liquefaction. In an alternative embodiment, an (FT) process is integrated with a methanol synthesis process wherein tail gas from the (FT) reaction is used to fuel burners in a secondary thermal reformer.

=> SET NOTICE DISPLAY 1

NOTICE SET TO 1 U.S. DOLLAR FOR DISPLAY COMMAND
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=> index IFICLS,PATOSEP,PATDPA,INPADOC

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	4.25	46.80

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.70

INDEX 'IFICLS, PATOSEP, PATDPA, INPADOC' ENTERED AT 17:52:02 ON 28 AUG 2004

4 FILES IN THE FILE LIST IN STNINDEX

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=> S WO 2000-US21352/PN,APPS

2 FILE PATDPA
3 FILE INPADOC

2 FILES HAVE ONE OR MORE ANSWERS, 4 FILES SEARCHED IN STNINDEX

L18 QUE WO 2000-US21352/PN,APPS

=> FILE HITS

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.57	47.37

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.70

FILE 'INPADOC' ENTERED AT 17:52:05 ON 28 AUG 2004
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=> S L18

L19 5 L18

=> D IBIB LS 1-

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YOU HAVE REQUESTED DATA FROM 5 ANSWERS - CONTINUE? Y/(N):1
YOU HAVE REQUESTED DATA FROM 5 ANSWERS - CONTINUE? Y/(N):1
YOU HAVE REQUESTED DATA FROM 5 ANSWERS - CONTINUE? Y/(N):y
THE ESTIMATED COST FOR THIS REQUEST IS 4.36 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:y

L19 ANSWER 1 OF 5 INPADOC COPYRIGHT 2004 EPO on STN

LEVEL 1

ACCESSION NUMBER: 174821043 INPADOC EW 200220 ED 20020521
UW 200237 UP 20020916

TITLE: INTEGRATED PROCESS FOR CONVERTING HYDROCARBON GAS TO LIQUIDS.

INVENTOR(S):

ORIGINAL: GIESKES, THOMAS
STANDARDIZED: GIESKES THOMAS

LOCATION: US
PATENT ASSIGNEE(S):
ORIGINAL: ATLANTIC RICHFIELD COMPANY
STANDARDIZED: ATLANTIC RICHFIELD CO
LOCATION: US
TITLE LANGUAGE: English; French; German
LANGUAGE: English
DOCUMENT TYPE: Patent
PATENT INFO. TYPE: EPA1 PUBL. OF APPLICATION WITH SEARCH REPORT
PATENT INFORMATION:

	NUMBER	KIND	DATE	
	EP 1204717	A1	20020515	
DESIGNATED STATES:	R: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE			
APPLICATION INFO.:	EP 2000-955374	A	20000804	
PRIORITY APPLN. INFO.:	WO 2000-US21352	W	20000804	(EDPR
20010702)				
	US 1999-369045	A	19990805	(EDPR 20010306)

LEGAL STATUS

AN 174821043 INPADOC
20020515 EPAK + DESIGNATED CONTRACTING STATES:
EP A1
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
20020515 EPAX + EXTENSION OF THE EUROPEAN PATENT TO
AL;LT;LV;MK;RO;SI
20020515 EP17P + REQUEST FOR EXAMINATION FILED
20020206
20020911 EPRIN1 INVENTOR (CORRECTION)
GIESKES, THOMAS
20040714 EP17Q + FIRST EXAMINATION REPORT
20040602
.....20040715

L19 ANSWER 2 OF 5 INPADOC COPYRIGHT 2004 EPO on STN

LEVEL 2

ACCESSION NUMBER: 151859697 INPADOC EW 200434 ED 20040819
UW 200434 UP 20040819
TITLE: Integrated process for converting hydrocarbon gas to
liquids.
INVENTOR(S):
ORIGINAL: THOMAS GIESKES
STANDARDIZED: GIESKES THOMAS
PATENT ASSIGNEE(S):
ORIGINAL: ATLANTIC RICHFIELD COMPANY
STANDARDIZED: ATLANTIC RICHFIELD CO
TITLE LANGUAGE: English
DOCUMENT TYPE: Patent
PATENT INFO. TYPE: AUB2 PATENT (APP. ADVERTISED ACCEPTED)
PATENT INFORMATION:

	NUMBER	KIND	DATE	
	AU 774815	B2	20040708	
APPLICATION INFO.:	AU 2000-67589	A	20000804	
PRIORITY APPLN. INFO.:	US 1999-369045	A	19990805	(EDPR 20010306)
20010702)	WO 2000-US21352	W	20000804	(EDPR

L19 ANSWER 3 OF 5 INPADOC COPYRIGHT 2004 EPO on STN

LEVEL 3

ACCESSION NUMBER: 145662567 INPADOC EW 200211 ED 20020319

TITLE: INTEGRATED PROCESS FOR CONVERTING HYDROCARBON GAS TO LIQUIDS.
 PROCESSUS INTEGRE PERMETTANT DE CONVERTIR UN GAZ HYDROCARBONE EN LIQUIDES.

INVENTOR(S):

ORIGINAL: GIESKES, THOMAS
 STANDARDIZED: GIESKES THOMAS

PATENT ASSIGNEE(S):

ORIGINAL: ATLANTIC RICHFIELD COMPANY
 STANDARDIZED: ATLANTIC RICHFIELD CO
 LOCATION: US

TITLE LANGUAGE: English; French

LANGUAGE: English

DOCUMENT TYPE: Patent

PATENT INFO. TYPE: WOC2 COMPLETE CORRECTED DOCUMENT

PATENT INFORMATION:

NUMBER	KIND	DATE
WO 2001010979	C2	20020228

DESIGNATED STATES:

RW: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

W: AE AU ID TT

APPLICATION INFO.:

WO 2000-US21352 A 20000804

PRIORITY APPLN. INFO.:

US 1999-369045 A 19990805 (EDPR 20010306)

LEGAL STATUS

AN 145662567 INPADOC

20010215 WOAK

+ DESIGNATED STATES

WO A1

AE AU ID TT

20010215 WOAL

+ DESIGNATED COUNTRIES FOR REGIONAL PATENTS

WO A1

AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

20010411 WO121

EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION

20010503 WODFPE

REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH MONTH FROM PRIORITY DATE

20020207 WOAK

+ DESIGNATED STATES

WO B1

AE AU ID TT

20020207 WOAL

+ DESIGNATED COUNTRIES FOR REGIONAL PATENTS

WO B1

AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

20020207 WOB

+ LATER PUBLICATION OF AMENDED CLAIMS

20020228 WOAK

+ DESIGNATED STATES

WO C2

AE AU ID TT

20020228 WOAL

+ DESIGNATED COUNTRIES FOR REGIONAL PATENTS

WO C2

AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

20020228 WOCOP

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PAGES 1/7-7/7, DRAWINGS, REPLACED BY NEW PAGES 1/7-7/7; DUE TO LATE TRANSMITTAL BY THE RECEIVING OFFICE

L19 ANSWER 4 OF 5 PATDPA COPYRIGHT 2004 DPMA/FIZ KA on STN

AN Datenbankschlüssel Datum und Woche des Ersteingangs in PATDPA

EP1204717 PATDPA ED 20020516 EW 200220

SN (21) Aktenzeichen Datum, Woche des Eingangs der letzten Hauptpubl.

EP00955374.4 DED 20020516 DEW 200220

UPS Datum der letzten Fortschreibung

20040715 weitere UP-Felder: HELP UPD

PSR Uebereinstimmende Folgepublikationen in DE, EP, und WO

WO2001010979

TI (54) Bezeichnung der Erfindung/Titel (aktueller und vorheriger)
 (A1) INTEGRIERTES VERFAHREN ZUR UMWANDLUNG VON KOHLENWASSERSTOFFGASEN ZU
 FLUESSIGKEITEN
 IN (72) Erfinder (aktuelle Angaben und vorherige)
 INC GIESKES, Thomas (*US Fullerton, CA 92833)
 PA (71,73) Anmelder / Inhaber (aktuelle Angaben und vorherige)
 PAC ATLANTIC RICHFIELD COMPANY (*US Chicago, Illinois 60601)
 PAN Anmelder-Nummer von aktuellem(n) Anmelder(n)/Inhaber(n)
 12190381 US
 PAT Anmelderstatus von aktuellem(n) Anmelder(n)/Inhaber(n)
 (CORP) Juristische Person
 AG (74) Anmelder-Vertreter
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 EP-Patentblatt - 20020515
 DT Dokumenttyp
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 LA (26) Sprache der Publikation
 Englisch
 PIT (12) Schriftart
 EP A1 EP-Publ. der EP-Patentanm. mit Recherchenbericht
 PITX (12) Schriftart Detailliert
 EP A1 EP-Publ. der EP-Patentanm. mit Recherchenbericht
 PI (10) Publ.-Information (Publ.-Daten der letzten Hauptanmeldung)
 EP 1204717 A1 20020515 AOR (87) 1.Publ./ EP-Schrift
 EP 1204717 A1 20020515 AOR (87) 1.Publ./ EP-Schrift
 DS (81,84) National und regional bestimmte / benannte Staaten
 R: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
 AI (20) Anmeldeinformation
 EP 2000-955374 A 20000804 ADR (86) EP-Anm. mit DE-Ben.
 PRAI (30) Prioritaetsinformation
 US 1999-369045 A 19990805 CP (32) Unionsprioritaet
 FI (20,35,40,86,87) Familieninformation
 FIA EP 2000-955374 AW 20000804 ADR (86) EP1204717
WO 2000-US21352 A 20000804 ADW (86) WO2001010979
 FIP WO 2001010979 A1 20010215 AOW LXX (87) WO-Publik. mit DE-Best.:
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 RW: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
 EP 1204717 A1 20020515 AOR LEN (87) EP-Publik. mit DE-Ben. :
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 LT LV MK RO SI
 NTE 19990805: FPRD (32) Erstes Prioritaetsdatum
 20000804: ADR (86) Anmeldetag d. EP-Anm. m. DE-Benennung
 20010215: AOW (87) WO-Publ. der PCT-Anmeldung
 20020206: EXR Eingangstag des Pruefungsantrages im EPA
 20020515: AOR (87) EP-Publ. der EP-Anmeldung mit DE-Benennung
 L19 ANSWER 5 OF 5 PATDPA COPYRIGHT 2004 DPMA/FIZ KA on STN
 AN Datenbankschlüssel Datum und Woche des Ersteingangs in PATDPA
 WO2001010979 PATDPA ED 20010222 EW 200108
 SN (21) Aktenzeichen Datum, Woche des Eingangs der letzten Hauptpubl.
 US0021352 DED 20010222 DEW 200108
 UPS Datum der letzten Fortschreibung
 20040715 weitere UP-Felder: HELP UPD
 PSR Uebereinstimmende Folgepublikationen in DE, EP, und WO
 EP1204717
 TI (54) Bezeichnung der Erfindung/Titel (aktueller und vorheriger)
 (A1) INTEGRIERTES VERFAHREN ZUR UMWANDLUNG VON KOHLENWASSERSTOFFGASEN ZU
 FLUESSIGKEITEN
 (A1) INTEGRATED PROCESS FOR CONVERTING HYDROCARBON GAS TO LIQUIDS
 IN (72) Erfinder (aktuelle Angaben und vorherige)
 INC GIESKES, Thomas (*US CA 90635-7824)
 PA (71,73) Anmelder / Inhaber (aktuelle Angaben und vorherige)
 PAC ATLANTIC RICHFIELD COMPANY (*US IL 60601)

SO Quellenangabe
 PCT-Gazette - 20020228
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 DT Dokumenttyp
 Patent
 LA (26) Sprache der Publikation
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 WO AW WO-Publikation der PCT-Anmeldung
 PITX (12) Schriftart Detailliert
 WO AW WO-Publikation der PCT-Anmeldung
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 US 1999-369045 A 19990805 CP (32) Unionsprioritaet
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 WO 2000-US21352 A 20000804 ADW (86) WO2001010979
 FIP WO 2001010979 A1 20010215 AOW LXX (87) WO-Publik. mit DE-Best.:
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 EP 1204717 A1 20020515 AOR LEN (87) EP-Publik. mit DE-Ben. :
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 20000804: ADW (86) Anmeldetag d. PCT-Anm. mit DE-Bestimmung
 20010130: NCLM (15) Tag der Abänderung der Ansprüche
 20010215: AOW (87) WO-Publ. der PCT-Anmeldung
 20020207: AOW9 (48) Neudruck d. Patentanm. o. Recherchebericht
 20020207: W1R1 (15) Spaet. Aufn. von geänderten Ansprüchen(R1)
 20020228: AOW9 (48) Neudruck d. Patentanm. o. Recherchebericht
 20020228: W4R6 (15) Korrigierte Version(R6)

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